

Calusa Green, LLC
Application to Planned Development Rezoning

Public Facilities Impact Analysis

Section 1-12.109(a)(4) Public facilities impact analysis. An analysis of the impact(s) of the proposed facility on schools, parks, conservation areas, hospitals, potable water supplies, aquatic preserves, and other natural water bodies within two (2) miles of the proposed site.

There are no schools, parks, conservation areas, hospitals, potable water supplies or aquatic preserves within two miles of the proposed site. The closest school, park, hospital or conservation area is the Cecil Webb Preserve, approximately nine (9) miles from the subject property. The closest groundwater well serving a public water system is approximately 2.7 miles from the subject property at the Paradise Park mobile home community.

The closest natural waterbody is approximately 3000 feet from the project site. Calusa Green will have no impact on this or any other waterbody. The landfill will neither contaminate nor adversely impact either groundwater or surface water as provided in the proposed stormwater management system design and detailed in the Hydrogeological Investigation Report prepared by Progressive Water Resources (Exhibit 16). The wet detention stormwater management system for the landfill and associated site improvements will be designed to exceed the rules of the Florida Department of Environmental Protection, specifically Chapter 62-330.200(3), FAC. Pursuant to the requirements of the South Florida Water Management District, the stormwater management system will be designed to retain the 100-year, 72-hour storm event with no surface discharge to surface waters. In addition, the stormwater management system can accommodate the 500-year, 24-hour storm event with four foot of freeboard. Emergency spillways to protect the system from overtopping will be designed to discharge into the contained wetland system north of the site. In the event of a stormwater discharge, the discharge will meet state surface water quality standards, as required by law. The perimeter berms will be designed with adequate freeboard to prevent overtopping from waves generated by a 120 mile per hour wind on top of the design stage, at a minimum. The Operations Manual provided in Exhibit 17 details the procedures that will be utilized to control litter and pests.